

Assessment 3.1

Name _____ Class _____
Teacher _____ Date _____

6.NS.5

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The following are the temperatures in degrees Celsius for Juneau, AK for one week. Place them in order from coldest to warmest.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
5	-1	-6	-2	3	7	0

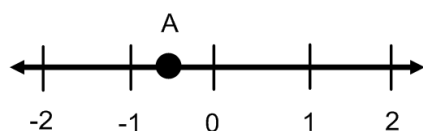
_____, _____, _____, _____, _____, _____, _____,

6.NS.6a

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Part A

Look at point A which is plotted on the number line below. Plot the opposite number on the same line and label it point B.



Part B

Explain how you knew where to plot point B.

Part C

For point A, tell what the rational number is in decimal form.

Part D

For point B, tell what the rational number is in fraction form.

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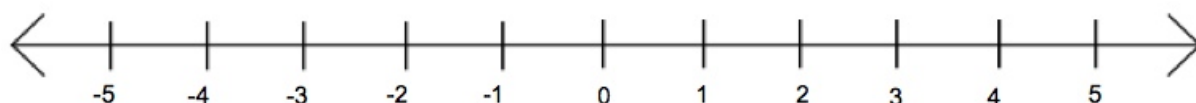
6.NS.7a

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Part A

On the number line below, plot and label the following points.

- Plot 0 as point A.
- Plot -1 as point B.
- Plot $-1\frac{1}{2}$ as point C.



Part B

Which point has the least value?

6.NS.7c

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Part A

Javier has a bank account balance of $-\$19$. Kiki has a bank account balance of $-\$16$.

Who has the greater amount of debt?

Part B

Justify your answer.

6.NS.7d

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Part A

Two submarines are descending into the ocean. The yellow submarine is at a depth of -180 ft. The blue submarine is at a depth of -195 ft. Which submarine is closest to the surface of the ocean?

Part B

Justify your answer.

